

### Abstract

A method for enhancing the performance of an application on a data processing system that operates with a disk array storage device in which tasks associated with different transactions with one logical storage device are conditions precedent to the completion of other transactions. Specific tasks related to the one logical device are given priority over tasks related to all other logical storage devices. In a specific implementation reconnect tasks are given the highest priority with reconnect tasks from the one logical storage device being given the highest priority. A second category of tasks related to the one logical storage device can be given priority over all other tasks except reconnect tasks. All other tasks are given a priority below that of the first and second task categories.